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Frm 1449 (modified) Information Disclosed Statement By Applicant (Use Several Sheets if Necessary)	Docket: 090/002 Supplemental 2 U.S.S.N. 09/888,309 Title: Dopaminergic Neurons Obtained from Human Embryonic Stem Cells Inventors: Melissa K. Carpenter, Walter D. Funk, R. Scott Theis Filing Date: June 21, 2001 Group: 1632
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U.S. Patent Documents

Examiner Initial	Ref.	Patent No.	Filing Date	Issue Date	Class/Subclass	Inventors:	Title:
(none)							

Foreign Patent or Published Foreign Patent Application

Examiner Initial	Ref.	Document No.	Publ. Date	Jurisdiction	Title:	Translation
AMZ	EA	WO 98/50526	Nov 12/98	PCT	Generation, Characterization, and Isolation of Neuroepithelial Stem Cells and Lineage Restricted Intermediate Precursor	n/a
AMZ	EB	WO 99/01159	Jan 14/99	PCT	Lineage-Restricted Neuronal Precursors	n/a
AMZ	EC	WO 99/28443	Jun 10/99	PCT	Lineage Restricted Glial Precursors from the Central Nervous System	n/a

Other Documents

Examiner Initial	Ref.	Author, Title, Date, Source
AMZ	ED	Kalyani, A., et al., Cell Lineage in the Developing Neural Tube, Biochem. Cell Biol. 76:1051 (1998)
AMZ	EE	Li, M., et al., Generation of Purified Neural precursors from Embryonic Stem Cells by Lineage Selection, Current Biol., Current Science 8:971 (1998)
AMZ	EF	Mujtaba, T., et al., Lineage-Restricted Neural Precursors Can Be Isolated from Both the Mouse Neural Tube and Cultured ES Cells, Dev. Biol. 214:113 (1999)

Examiner <u>Anne-Marie Zalk</u>	Date Considered <u>1/21/04</u>

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1/24/02

Form 1449 (modified) Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Docket: 090/002 Supplemental Title: Direct Differentiation of Human Pluripotent Stem Cells and Characterization of Differentiated Cells Inventors: Melissa K. Carpenter, Walter D. Funk, R. Scott Theis Filing Date: June 21, 2001	U.S.S.N. 09/888,309 Group: 1632
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Am2	DA	Lamb, T.M., et al., Neural Induction by the Secreted Polypeptide Noggin, Science 262:713 (1993)		
Am2	DB	Lim, D.A., et al., Noggin Antagonizes BMP Signaling to Create a Niche for Adult Neurogenesis, Neuron 27:713 (2000)		
Am2	DC	Sasai, Y., et al., Regulation of Neural Induction by the Chd and Bmp-4 Antagonistic Patterning Signals in Xenopus, Nature 376:333 (1995)		

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Frm 1449 (modified)	Docket: 090/002	U.S.N. 09/888,309
Information Disclosure Statement By Applicant (Use Several Sheets if Necessary)	Title: Direct Differentiation of Human Pluripotent Stem Cells and Characterization of Differentiated Cells Inventors: Melissa K. Carpenter, Walter D. Funk, R. Scott Theis Filing Date: June 21, 2001	RECEIVED DEC 3 2001 PTO-1449 PH/2-59 Group: 1632

U.S. Patent Documents

Examiner Initial	Ref.	Patent No.	Filing Date	Issue Date	Class/Subclass	Inventors:	Title:
Amd	A	5,766,948	Nov 3/93	Jun 16/98	435/368	Gage, F.H., et al.	Method for Production of Neuroblasts
	B	5,773,255	Jun 5/95	Jun 30/98	435/70.3	Laurance, M.E., et al.	Glucose Responsive Insulin Secreting β-Cell Lines and Method For Producing Same
	C	5,789,246	Nov 18/96	Aug 4/98	435/325	Reid, L.M., et al.	Compositions Comprising Hepatocyte Precursors
	D	5,849,553	Jun 7/95	Dec 15/98	435/172.3	Anderson, D.J., et al.	Mammalian Multipotent Neural Stem Cells
	E	5,851,832	Jun 7/95	Dec 22/98	435/368	Weiss, S., et al.	In Vitro Growth and Proliferation of Multipotent neural Stem Cells and Their Progeny
	F	5,928,947	Jun 7/95	Jul 27/99	435/455	Anderson, D.J., et al.	Mammalian Multipotent Neural Stem Cells
	G	5,968,829	Sep 5/97	Oct 19/99	435/467	Carpenter, M.	Human CNS Neural Stem Cells
	H	5,981,165	Jun 7/95	Nov 9/99	435/4	Weiss S., et al.	In Vitro Induction of Dopaminergic Cells
↓	I	6,040,180	May 7/97	Mar 21/00	435/377	John, K.	In vitro Generation of Differentiated Neurons From Cultures of mammalian Multipotent CNS Stem Cells
↓	J	6,090,622	Mar 31/97	Jul 18/00	435/366	Gearhart, J.D., et al.	Human Embryonic Pluripotent Germ Cells
Amd	K	6,200,806	Jun 26/98	Mar 13/01	435/366	Thomson, J.A.	Primate Embronic Stem Cells

Foreign Patent or Published Foreign Patent Application

Examiner Initial	Ref.	Document No.	Publ. Date	Jurisdiction	Title:	Translation	
						Yes	No
Amd	L	WO 99/04775	Feb 4/99	PCT	Method of Treating Dopaminergic and Gaba-Nergic Disorders		
	M	WO 99/20741	Apr 29/99	PCT	Methods and Materials for the Growth of Primate-Derived Primordial Stem Cells		
	N	WO 99/43785	Sep 2/99	PCT	Derivation of Cells and Tissues from Embryonic Pre-Stem Cells for Transplantation Therapies		
↓	O	WO 99/53021	Oct 21/99	PCT	Cell Differentiation/Proliferation and Maintenance and Uses Thereof		
Amd	P	WO 00/17323	Mar 30/00	PCT	Stable Neural Stem Cell Lines		

Examiner <i>Anne-Marie Falk</i>	Date Considered <i>1/21/04</i>
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Other Documents

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<i>Am</i>	Q	Andrews, et al., Retinoic Acid Induces Neuronal Differentiation of a Cloned Human Embryonal Carcinoma Cell Line In Vitro, Dev. Biol. 103:285 (1984)
	R	Bain, et al., Embryonic Stem Cells Express Neuronal Properties In Vitro, Dev. Biol. 168:342 (1995)
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	AH	Keller, In Vitro Differentiation of Embryonic Stem Cells, Cell Biology 7:862 (1995)
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AMJ	BH	Yao, et al., Neuronal Differentiation of P19 Embryonal Carcinoma cells in Defined Media, J. Neuroscience Res. 41:792 (1995)

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